

OKADA et al. -- 09/973,929
Attorney Docket: 007324-0283788

IN THE SPECIFICATION:

Please amend the specification as follows:

Page 4, delete the paragraph starting in line 9 and replace it with the following new paragraph:

The present invention provides a refrigerator in which a deodorizer is provided in a cold air circulation path for deodorizing an atmosphere in the refrigerator, the refrigerator further comprising a heat exchanger having a cold air inlet, the deodorizer comprising discharging means having a plurality of wire-shaped discharge electrodes disposed across the cold air circulation path and a flat counter electrode, the discharging means [[for]] producing ozone and ultraviolet rays by means of high-voltage discharge, [[and]] a photocatalyst module provided between the discharge electrodes and the counter electrode for decomposing an odor component and injurious matter contained in the atmosphere by means of photocatalyst, and zone decomposing means for decomposing the zone produced by the discharging means, the ozone decomposing means being disposed at a downstream side of at least the discharging and the photocatalyst module with respect to a direction in which the cold air flows and further in the cold air inlet of the heat exchanger.

Page 5, delete the paragraph starting in line 6 and replace it with the following new paragraph:

In a preferred form, the deodorizer further comprises ozone decomposing means for decomposing the ozone produced by the discharging means, and the ozone decomposing means is disposed at a downstream side of at least the discharging means and the photocatalyst module with respect to a direction in which the cold air flows. [[The]] Furthermore, the ozone produced by the high voltage discharge is decomposed by the ozone decomposing means in the aforesaid construction. Consequently, the ozonic concentration can be prevented from an excessive increase and accordingly, the user can be prevented from having a smell of ozone when opening the door of the refrigerator. Further, since decomposition of ozone tends to produce more active oxygen, oxidation can further be facilitated and the deodorizing efficiency can further be improved.

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Page 5, delete the paragraph starting in line 20 and replace it with the following new paragraph:

In another preferred form, the refrigerator further comprises a heat exchanger having a cold air inlet, and the ozone decomposing means is disposed in the cold air inlet of the heat exchanger. [[When]] Furthermore, when ozone produced by the deodorizer is circulated so as to pass through an evaporator, there is a possibility that the evaporator and piping may adversely be affected. When the ozone decomposing means is disposed in the cold air inlet of the heat exchanger in view of the aforesaid problem, ozone is decomposed before the circulated cold air is taken into the heat exchanger. Consequently, inner components of the refrigerator can be prevented from being adversely affected by the ozone.

Delete page 6, line 27 – page 7, line 28.